



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named  
Inventor : Xuedong D. Huang  
  
Appln. No. : 10/629,278  
  
Filed : July 29, 2003  
  
For : MULTI-SENSORY SPEECH  
DETECTION SYSTEM  
  
Docket No.: M61.12-0519

Group Art Unit: 2641

Examiner: ---

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
SENT BY U.S. MAIL, FIRST CLASS, TO THE  
COMMISSIONER FOR PATENTS, P.O. BOX 1450,  
ALEXANDRIA, VA 22313-1450, THIS

15<sup>th</sup>  
DAY OF

PATENT ATTORNEY

Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed, except as waived by the Official Gazette notice of August 5, 2003 regarding copies of U.S. Patents and Published Applications.

**TIME OF FILING**

An information disclosure statement is being filed by the applicant within any one of the following time periods:

1. X 1. Within three months of the filing date of a national application other than a Continued Prosecution Application (CPA);
2. Within three months of the date of entry of the National Stage international application;
3. Before the mailing date of a first Office Action on the merits, or
4. Before the mailing of a first Office Action after the filing of a Request for Continued Examination (RCE).

2. \_\_\_\_\_ after the time period specified in paragraph 1 above, but before the mailing date of a final action under 37 C.F.R. § 1.113 or notice of allowance under 37 C.F.R. § 1.311. Therefore, in accordance with 37 C.F.R. § 1.97(c), submitted herewith is:

(check either A or B below)

- A. \_\_\_\_\_ a statement as specified in 37 C.F.R. § 1.97(e).  
B. \_\_\_\_\_ the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c).

3. \_\_\_\_\_ after the mailing date of either a final action under 37 C.F.R. § 1.113 or a notice of allowance under 37 C.F.R. § 1.311, whichever occurs first, but before payment of the issue fee. Therefore, Applicant petitions for consideration and submits herewith:

- A. a statement as specified in 37 C.F.R. § 1.97(e);  
B. the petition fee set forth in 37 C.F.R. § 1.17(p).

#### STATEMENT

(only used if No. 2(A) or No. 3 above is checked)

The person(s) signing below certify

(check appropriate paragraph)

\_\_\_\_\_ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(1).

OR

\_\_\_\_\_ that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than

three months prior to the filing of this statement. 37  
C.F.R. § 1.97(e)(2).

**METHOD OF PAYMENT**

  X   No fee is required.

       Attached is a check in the amount of \$      .

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this communication is enclosed.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

By: 

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JRK:slg



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|---|---|--------------------------|
| PTO-1449  | Atty. Docket No.:<br>M61.12-0519              | Appl. No.:<br>10/629,278 |
| LIST OF PATENTS AND PUBLICATIONS FOR<br>APPLICANT'S INFORMATION<br>DISCLOSURE STATEMENT | First Named Inventor:<br><br>Xuedong D. Huang |                          |
|   | Filing Date<br>July 29, 2003                  | Group Art:<br>2641       |

## U.S. PATENT DOCUMENTS

| Examiner<br>Initial | Document<br>No. | Date    | Name           | Class | Sub<br>Class | Filing Date<br>If Appropriate |
|---------------------|-----------------|---------|----------------|-------|--------------|-------------------------------|
| AA                  | 5,197,091       | 3/1993  | Takagi et al.  | 379   | 433.12       |                               |
| AB                  | 5,446,789       | 8/1995  | Loy et al.     |       |              |                               |
| AC                  | 5,555,449       | 9/1996  | Kim            | 379   | 433.03       |                               |
| AD                  | 5,828,768       | 10/1998 | Eatwell et al. | 381   | 333          |                               |
| AE                  | 5,943,627       | 8/1999  | Kim et al.     | 379   | 426          |                               |
| AF                  | 5,983,073       | 11/1999 | Ditzik         | 455   | 11.1         |                               |
| AG                  | 6,028,556       | 2/2000  | Shiraki        | 343   | 702          |                               |
| AH                  | 6,052,464       | 4/2000  | Harris et al.  | 379   | 433          |                               |
| AI                  | 6,052,567       | 4/2000  | Ito et al.     | 455   | 90           |                               |
| AJ                  | 6,125,284       | 9/2000  | Moore et al.   | 455   | 557          |                               |
| AK                  | 6,137,883       | 10/2000 | Kaschke et al. | 379   | 433.07       |                               |
| AL                  | 6,175,633       | 1/2001  | Morrill et al. | 381   | 71.6         |                               |
| AM                  | 6,243,596       | 6/2001  | Kikinis        | 429   | 8            |                               |
| AN                  | 6,308,062       | 10/2001 | Chien et al.   | 455   | 420          |                               |
| AO                  | 6,760,600       | 7/2004  | Nickum         | 455   | 557          |                               |
| AP                  | 6,675,027       | 1/2004  | Huang          | 455   | 575          |                               |

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |  |   |                                  |
|---|--|---|----------------------------------|
| <b>FORM PTO-1449</b>  |  | <b>Atty. Docket No.:</b><br>M61.12-0519                 | <b>Appl. No.:</b><br>10/629,278  |
| <p align="center">LIST OF PATENTS AND PUBLICATIONS FOR<br/>APPLICANT'S INFORMATION<br/>DISCLOSURE STATEMENT</p> |  | <b>First Named Inventor:</b><br><b>Xuedong D. Huang</b> |                                  |
|   |  | <b>Filing Date</b><br><b>July 29, 2003</b>              | <b>Group Art:</b><br><b>2641</b> |

FOREIGN PATENT DOCUMENTS

|  |    | Document No.    | Date   | Country | Class | Sub Class | Translation<br>Yes No |
|--|----|-----------------|--------|---------|-------|-----------|-----------------------|
|  | BA | EP 0 720 338 A2 | 7/1996 | EPO     |       |           |                       |
|  | BB | EP 0 854 535 A2 | 7/1998 | EPO     |       |           |                       |
|  | BC | EP 0 939 534 A1 | 9/1999 | EPO     |       |           |                       |
|  | BD | JP 2000196723   | 7/2000 | Japan   |       |           | Abstract only         |
|  | EE | WO 93/01664     | 1/1993 | WIPO    |       |           |                       |
|  | BF | WO 95/17746     | 6/1995 | WIPO    |       |           |                       |
|  | BG | WO 99/04500     | 1/1999 | WIPO    |       |           |                       |
|  | BH | WO 00/45248     | 8/2000 | WIPO    |       |           |                       |

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |    |  |
|--|----|--|
|  | BI | US Patent Application Serial No. 10/698,324, filed October 31, 2004, entitled "PERSONAL MOBILE COMPUTING DEVICE HAVING ANTENNA MICROPHONE AND SPEECH DETECTION FOR IMPROVED SPEECH RECOGNITION". |
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DATE CONSIDERED:

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